

Florida State University

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A new anechoic supersonic heated jet facility was constructed at Florida State University to investigate the supersonic jet noise of high temperature jets. The facility uses a SUE burner providing jet stagnation temperatures up to 1400 K at a jet exit Mach number of 2.5. The nozzle exit diameters can be up to 5 cm. The jet exhausts into an anechoic room measuring 6m x 6m x 4.5m. The facility was constructed under the sponsorship of Office of Naval Research.